## ISSUE SLIP STAPL @ AREA (for additional cross references)

| POSITION            | INITIALS | ID NO.  | DATE   |
|---------------------|----------|---------|--------|
| FEE DETERMINATION   |          |         |        |
| O.I.P.E. CLASSIFIER | BEB      | . 48    | 3/3/98 |
| FORMALITY REVIEW    |          | 1044111 | 4-298  |

## INDEX OF CLAIMS

| ✓ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
|   | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | . 0 | Objected     |

| Claim  |             |          |          |            |          |  |          | ī                  | •••                       | ••••     | ••••     | •••••    | ••••• |          | He            | SLIICI  | eu             |  |              |          | 0                                   |          |          | • |
|--|-------------|----------|----------|------------|----------|--|----------|--------------------|---------------------------|----------|----------|----------|-------|----------|---------------|---------|----------------|--|--------------|----------|-------------------------------------|----------|----------|---|
|  | Ct          | aim      | 8        | So         | -        | 7                                      | <b>1</b> |                    |                           |          |          |          |       | Cla      | im            |         |                |  | Da           | te       | _                                   |          |          | - |
|  |             | 層.       | 3        |            | 12       | ر ا                                    | 16       | <i>'\</i>          |                           |          |          |          |       |          | ᡖ             |         |                |  |              |          |                                     |          |          | Ī |
|  | 쿌           | 횰        |          | Ž,         | 19       | 11                                     | 1        | 1                  | [                         |          |          |          |       | 멸        | 卜             |         | 1              | l  |              |          | ľ                                   | 1        |          | l |
|  | ᄩ           | <u>o</u> | 3        | 13         | 1        | #10                                    | 12       | 9                  | <u> </u>                  | Щ        | ┸        | L        | ļ     | ij       | ō             |         | L              |  | L            |          | lacksquare                          |          |          | l |
| 3  | $\vdash$    |          | <u>~</u> | L.         | L        | ↓_                                     | <u> </u> |                    |                           | <u> </u> | L        | L        | ]     | L        |               | $\perp$ | L              | <u> </u>   | L            | L        | _                                   | <u></u>  |          | l |
|  | $\vdash$    |          | ı/       | <u>L</u> . | L        | <u> </u>                               | L.,      | L                  | oxdot                     | ļ        | L        | ┖        |       |          |               | $\perp$ | L              | L  | L            |          |                                     |          |          | l |
|  | L           | 11       | V        | 1          | Ĺ        | ↓                                      | L        | L                  | L                         |          | L        | L        |       |          |               | 丄       |                |  |              |          | L                                   |          | Ĺ        | l |
|  | \$          | 70       |          | _          | L        | <u> </u>                               | <u> </u> | L                  | L                         | 1        | L        | <u> </u> |       |          | _             |         | L              |  |              |          |                                     |          |          | I |
|  | _           |          | ,        | <u> </u>   | L        | <u> </u>                               | L        | Ŀ                  | ┕                         | Ш        | L        | ļ        |       |          | -             |         |                | L  |              |          | L                                   |          | L        | l |
|  |             |          | L,       | 2_         | L        | ↓_                                     | L        | L                  | L                         | ┖        |          | L        |       | L        |               | $\perp$ |                |  | <u> </u>     | L        |                                     |          | L        | l |
| 10   | $\perp$     | l £      | <u> </u> | 13         | L        | ┖                                      | _        |                    | _                         | _        | 上        | Ļ        |       | _        |               |         | L              | <u> </u>   | L            | L        | L                                   |          |          | l |
| 10   |             |          |          | -          | ٠        |  | ┖        | <u> </u>           |                           | L        | L        |          |       |          | $\rightarrow$ | $\perp$ | ┖              | L  |              |          | L                                   | L        |          | l |
| 11   |             | -        | . 1      | _          | 17       | \                                      | L        | _                  | Ш                         |          | L        | L        | ]     |          | 59            |         |                | <u> </u>   | L            | L        |                                     | L        | L        | l |
| 12   | <u></u>     |          | V,       |            | 4        |  |          | L                  | 辶                         | <u> </u> | <u> </u> | <u> </u> |       |          | _             | $\perp$ | L              | L  | L            | L        |                                     |          |          | I |
| 1.8  |             |          |          | _          |          | *.                                     | L        | L                  | L                         |          | ١,       | L        | ]     |          |               | $\perp$ | L              |  |              | l        | <u> </u>                            |          |          | I |
| 11   | L           |          |          | <u>_</u>   | ٠.       | ┺                                      | L        |                    | L                         |          | <u>L</u> |          |       |          |               |         |                |  | L            |          |                                     |          |          | I |
| 15   |             |          | Ь.       | <u> </u>   | L        | 1                                      | _        | lacksquare         | _                         | L        | $\perp$  | 匚        |       |          |               |         | <u> </u>       |  |              |          |                                     | L        |          | ĺ |
| 10   |             |          | _        | <u> </u>   | L        | $\perp$                                | 1_       | L                  | L                         | 1        | L        |          | ]     |          | _             | L       | L              | L  | L            |          |                                     |          | Ĺ        | ĺ |
| 17    17    17    18    19    10    14    10    19    10    14    10 |             |          | <u>'</u> | L.         | L.       | 上                                      | _        | ۷.                 | L                         |          | L        | $\perp$  |       |          |               |         |                | Ĺ  | Ĺ            | L        | L                                   |          |          | ĺ |
| 17    17    17    18    19    10    14    10    19    10    14    10 |             | 16       |          | 0          | 10       | v                                      | _        |                    |                           |          |          |          |       |          | 66            |         |                |  |              |          |                                     |          |          | Ī |
| 19   |             | 17       |          | 8          | 1        | · .                                    | 10       | Æ                  |                           |          |          |          |       |          | 67            |         |                |  |              |          |                                     |          |          | I |
| 20   |             | 275      | 2        | ٥          | $\Pi$    | 3                                      | V        | 8                  |                           | Γ.       |          |          |       |          | 68            | 1       |                |  |              |          |                                     |          |          | Ì |
| 21   |             | 19       |          |            | П        | 0                                      | 10       |                    |                           |          | П        | П        |       |          | 69            | Ť       |                |  |              |          |                                     |          |          | İ |
| 21   | Г           | 20       | -1       | а.         | П        | V                                      | 1.       | A                  |                           |          |          |          |       |          | 70            |         | T              |  |              |          |                                     | Г        |          | İ |
| 22   |             | 21       |          |            | 竹        | -                                      | 1        | KA                 | İ                         | 1        | $\vdash$ |          | i     |          | 71            | +       | ┢              | <del>                                     </del> | ┢            | H        |                                     | ┢        |          | t |
| 25   | $\vdash$    |          |          |            |          | +-                                     | +/-      | Ä                  | t                         |          | +-       | t        |       | $\vdash$ | $\perp$       | ╁       | ╁              | ┢  | $\vdash$     | $\vdash$ |                                     |          | $\vdash$ | t |
| 25   | Т           | 23       |          | 7          | 1        |  |          | -                  | ┢                         | t        | +-       | H        | 1     | <b>—</b> | _             | +-      | +              | -  | ╁            | -        | 1                                   | ┢        | -        | ł |
| 25   | -           | 24       | $\vdash$ | _          | H        | -                                      | N        | $\vdash$           | t                         | H        | +        | $\vdash$ | 1     | $\vdash$ |               |         | ╆              | -  | ┢            | -        |                                     | -        |          | ł |
| 26   | l-          | _        |          |            | 1        | +                                      | 17       | -                  |                           |          |          | F        |       |          | -             | -       | $\vdash$       |  | -            |          | -                                   |          | _        | ł |
| 27   |             |          |          | $\vdash$   | H        |  | 1        | $\vdash$           | $\vdash$                  | $\vdash$ | 1        | -        | ł     |          |               | +       | $\vdash$       | ┢  | -            | -        | ⊢                                   | -        |          | ł |
| 28   | 1           |          | H        | _          | Н        |  |          | $\vdash$           |                           | -        | $\vdash$ | 1        | 1     | H        |               | +       | ╁┈             | -  | ├            | ⊢        | -                                   |          |          | ł |
| 1   29   |             | -        | Н        |            | H        | W                                      | ν.       | ┢                  | <del> </del>              | ┢╌       | ⊢        | ╁        |       | Н        | _             | ╫       | ╁              | ├  | ├            | ⊢        | -                                   |          | _        | ł |
| 30   | H           | _        | ⊢        | -          | Η,       | ľ.                                     |          | ⊢                  |                           | -        | ⊢        | ┢        |       | Н        |               | +-      | ╁              | ├  | ┢            | ├        | ⊢                                   |          | $\vdash$ | ł |
| 31 81   32 83   33 83   34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   34 94   45 95   46 96   47 97   48 98   49 99  | 1           | =        | -        | =          | Ψ        | ٧v                                     | 1,0      | ⊢                  | ⊢                         | ╀        | ┝        | ⊢        |       |          | -             | +       | ╀              | ├  | ╀            | ⊢        | -                                   | -        | ⊢        | ł |
| 32 82   33 83   34 84   35 85   36 86   37 87   38 88   39 88   40 90   41 91   42 92   43 93   34 94   45 95   46 96   47 97   48 98   49 99  | ⊢           |          | -        |            | ┝        | ╁                                      | ├        | $\vdash$           | ╁                         | ├-       | $\vdash$ | ┢        |       | Н        |               | +-      | ⊢              | ├  | -            | ⊢        | ⊢                                   |          | ├        | ł |
| 33   | $\vdash$    |          | -        | -          | ⊢        | ┼-                                     | ├─       | ┢                  | ┢                         | ⊢        | ⊢        | ├        |       | Н        |               | +-      | ╁              | ⊢  | ┝            | ├        | ├                                   |          | <u> </u> | ł |
| 34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   39 94   45 95   46 96   47 97   48 98   49 99  | $\vdash$    |          | $\dashv$ |            | $\vdash$ | ╁                                      | ┥        | $\vdash$           | $\vdash$                  | $\vdash$ | $\vdash$ | ⊢        |       | ⊣        |               | +-      | <del>-</del>   | -  | ₩            | $\vdash$ | $\vdash$                            | <b>—</b> | -        | ł |
| 35 85 86 86 87 87 88 88 89 89 90 90 90 90 90 90 90 90 90 90 90 90 90   | <b>├</b> :- | _        | $\dashv$ | -          | ⊢        | ┼─                                     | ⊢        | $\vdash$           | -                         | +-       | $\vdash$ | $\vdash$ |       | $\vdash$ | _             | +       |                | ⊢  | <del> </del> | -        | <b>-</b>                            | ├-       | _        | ŀ |
| 36   | -           | _        | $\dashv$ | _          | -        | ┢                                      | -        |                    | -                         | $\vdash$ | -        | $\vdash$ |       | Н        |               | +       | ⊢              | ├-   | $\vdash$     | $\vdash$ | ├                                   | ├-       | $\vdash$ | ļ |
| 37   |             |          | Н        | -          | -        | ╁                                      | -        | H                  | ├-                        | $\vdash$ | -        | -        |       | Н        | _             | +-      | $\vdash$       | -  | -            | -        | <del> </del>                        | <u> </u> | L        | ł |
| 38   | *^          |          | H        |            | -        | +-                                     | $\vdash$ | ⊢                  | $\vdash$                  | ⊢        | ⊢        | -        |       | Н        |               | +       | -              | -  | $\vdash$     | $\vdash$ | <del> </del>                        | <u> </u> | L        | ļ |
| 39 89 89 90 90 90 90 90 90 90 90 90 90 90 90 90  |             |          | -        | -          | -        | +-                                     |          | <u> </u>           | ┝                         | ⊢        | ⊢        | $\vdash$ |       | Н        | _             | -       | $\vdash$       | <u> </u>   | <u> </u>     | ₩        | ┞                                   |          | <u> </u> | ļ |
| 40 90 90 91 41 92 92 93 93 94 94 95 96 96 96 97 98 98 99 99  | H           |          | Н        |            | L        | ₩                                      | <u> </u> | $\vdash$           | ⊢                         | ⊢        | -        | -        |       | Н        |               | -       | ـــ            | $\vdash$   | ⊢            | <u> </u> | <u> </u>                            | <u> </u> | <u> </u> | ļ |
| 41 91 92 92 93 93 94 95 95 96 96 96 97 98 98 99 99   | $\vdash$    |          | Н        |            | H        | ├-                                     | -        | $\vdash$           | -                         | -        | L        | <u> </u> |       | Н        | -             | +       | <del> </del> - | _  | $\vdash$     | <u> </u> | <u> </u>                            | $\vdash$ | $\vdash$ | ļ |
| 42   | $\vdash$    | -        | _        |            | L        | ┞-                                     | $\vdash$ | _                  | $ldsymbol{ldsymbol{eta}}$ | _        | _        | _        |       | Щ        | -             | $\bot$  | 1_             | _  | _            | L_       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        | ldash    | 1 |
| 49   |             | 41       | Ц        | _          | L        | $\perp$                                | L        | oxdot              | L                         | ot       | L        |          |       |          |               |         | L              |  |              | ot       |                                     |          |          | ĺ |
| 45   | Ь—          |          |          |            | L        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | L_       | $oxedsymbol{oxed}$ | L                         | L        | Ĺ        |          |       |          | _             | $\perp$ | L              |  |              |          |                                     |          |          | ſ |
| 45   |             | 43       |          |            | L.       | L                                      |          |                    |                           | L        | L        |          |       |          | 93            | $\perp$ | L              |  | L            |          |                                     |          |          | ſ |
| 46   | 1.3         |          |          |            |          | L                                      | Ľ        |                    |                           |          |          | Ĺ        |       |          | 94            |         |                |  | l –          |          |                                     |          |          | ſ |
| 46   |             | 45       |          | J          |          |  |          |                    |                           |          |          |          |       |          | 95            |         |                |  |              | Γ        |                                     |          |          | ľ |
| 48 98 99 99  |             | 46       |          |            |          |  |          |                    |                           |          |          |          |       |          | 96            | T       |                |  |              |          |                                     |          | П        | ľ |
| 48 98 99 99  |             |          |          |            |          |  |          |                    |                           |          |          |          |       |          | 97            | $\top$  |                |  |              |          |                                     |          |          | ľ |
| <del> </del>   |             |          |          | ā          |          |  |          |                    |                           |          |          | Г        |       |          |               | 1       |                |  |              |          |                                     |          |          | r |
| 1 52   |             |          |          |            |          |  |          |                    |                           |          | Г        | 7        |       |          | 99            | 1       | Г              |  | Г            | П        |                                     |          |          | r |
|  |             | 52       | $\Box$   |            |          |  |          |                    |                           |          |          |          |       |          | 100           | $\top$  |                |  | $\vdash$     |          |                                     |          |          | ľ |

|       | •••••      |   | ojec     |          |  |               |          |          | *       |                     |               |
|-------|------------|---|----------|----------|--|---------------|----------|----------|---------|---------------------|---------------|
| Cla   | im         | _ |          |          |  | Da            | to.      |          | .%      | wh.                 |               |
| 010   |            | - | Γ        | 1        | -  | T             |          |          | 5       | 40.                 |               |
| Final | Original   |   |          |          |  |               |          |          | Co.     |                     | -1            |
| 正     | _          |   | L        | _        | <u> </u>   | <u> </u>      |          |          | ÷3      | À                   |               |
|       | 110        |   |          | L        | $ldsymbol{f eta}$                                | L             | L        |          | 1       | . 3                 |               |
|       | 112        |   | _        | <u> </u> | _  |               |          |          | 1       | ×                   |               |
|       | 113        |   |          | <u></u>  |  | L_            |          |          | 900     |                     |               |
|       | 114        |   | _        | _        |  | <u> </u>      | 3.20     | . s 2    |         |                     |               |
|       | 115        |   |          |          | <u></u>  | _             |          | 1 7      |         | 98                  |               |
|       | 116        |   | _        | L        | L  | L             | 1        | 1        |         |                     |               |
|       | 117        |   | 匚        | L        | L  |               |          | *        |         | 33                  |               |
| _     | 118        |   |          |          | L.   |               | .5.      | Sec.     |         |                     |               |
|       | 119        |   | L        |          | L  | <u> </u>      |          | -        | 000     | *                   |               |
|       | 110        |   |          |          |  | _             | (A)      | iniA     |         | 66                  |               |
|       | 111        |   |          | L        |  |               |          |          |         |                     |               |
|       | 112        |   |          |          | <u> </u>   |               | J.,      | Same     | Ø.,     |                     |               |
|       | 113        |   | L        | L        | L  |               |          |          | \$ X    |                     |               |
|       | 114        |   |          | <u> </u> | L  |               | 100      |          |         |                     |               |
|       | 115        |   | L        | _        |  | L             |          | 3        | **      |                     |               |
| _     | 116        |   | L        | L        | L  |               |          |          |         | S.                  |               |
| _     | 117        |   |          | L        |  |               | (90077)  |          | gran de | 1                   |               |
|       | 118        |   |          |          |  |               | con.     | ander fü |         |                     |               |
|       | 119        |   |          |          |  |               |          | 4        |         |                     |               |
|       | 120        |   |          |          | Π  |               | ,        | 83       |         |                     |               |
|       | 121        |   |          |          | T  |               | 1000     | 10.00    | g(* *   |                     |               |
|       | 122        |   |          |          | T  | 177           |          |          | 5.      | 33                  |               |
|       | 123        |   |          | _        | T  |               |          | . 7      | 35.5    |                     |               |
|       | 124        |   |          | _        |  |               |          | 16       |         | V.                  |               |
|       | 125        |   |          |          | T  |               | 1        | 100      | 798     |                     |               |
| •     | 126        |   |          |          |  |               |          | *        | Ď.      |                     | 20.5          |
| -     | 127        |   |          | T        | ┢  |               | -        |          |         |                     |               |
|       | 128        |   |          | Т        |  |               |          |          | S .     |                     |               |
|       | 129        |   |          | Т        | $\vdash$   |               | -        | - 1      | W .*    |                     |               |
|       | 130        |   | T        |          |  |               |          |          | 2       |                     |               |
|       | 131        |   |          |          |  |               | 44       |          | 55.24   |                     |               |
|       | 132        |   | $\vdash$ |          | Г  |               |          | .40      | b.      |                     |               |
| _     | 133        |   | $\vdash$ |          | Г  | Ι-            | - VIII   |          | 3 1     |                     |               |
|       | 134        |   | Ι-       |          |  |               | - 1      | 4        |         | · V                 |               |
|       | 135        |   | T        | Г        | <del>                                     </del> |               |          |          | \$ ××   | - 4                 |               |
|       | 136        | _ | <u> </u> |          | ┢  | H             | -        | ž        | ×       |                     | 4 2           |
|       | 137        |   |          | _        | _  |               | 1.       | **       | 8.79    |                     |               |
| _     | 138        |   |          |          |  |               |          |          |         |                     |               |
|       | 139        |   | $\vdash$ |          |  | _             |          | . 0      | 32 520  |                     |               |
|       | 140        |   | -        |          |  |               |          |          | _       | -                   |               |
| _     | 141        | _ | H        | ┢╌       | -  | -             | -        | 1.8      |         |                     | 7 4           |
| -     | 142        | _ |          | ⊢        |  | ┝             | -        | -        | -       | L                   | -             |
|       | 143        | _ |          | ┝        | -  | <del> -</del> | -        | -        |         | *300<br>*300<br>.23 | one<br>regio  |
| _     | 144        | _ |          | _        | -  |               |          | -        | i -     | .23                 | 1             |
|       | 145        | _ |          | _        | $\vdash$   | -             | -        | -        | - 1     | *                   | 29<br>Crosses |
|       | 146        | - | $\vdash$ | $\vdash$ | -  | -             | $\vdash$ | H        | H       | 3                   |               |
|       | 147        | - | $\vdash$ | $\vdash$ | <del> </del>                                     | $\vdash$      | $\vdash$ | H        |         | 16                  | ·ýw           |
|       | 148        | - | $\vdash$ | $\vdash$ | -  | H             | $\vdash$ | -        |         | ***                 | -             |
| -     | 149        | _ | _        | -        | -  |               | <b>-</b> |          |         | **                  |               |
|       | 149<br>150 | - | $\vdash$ | H        | $\vdash$   | -             |          | $\vdash$ | ŀ       |                     |               |
|       | ·JU        |   | Щ.       | _        | L  | Ļ             |          |          | Ц.      | Щ                   | لبا           |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

Best Available